

Public Access Point

ABSTRACT

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The invention instantiates a Personal VLAN bridge, using IEEE Std. 802.11 elements. The result is a bridge, referred to as a public access point, that is better suited for implementing public wireless data networks than the IEEE Std. 802.11
10 architecture. The invention also provides a location-update protocol for updating the forwarding tables of bridges that connect public access points together. The invention further provides a method for more controlled bridging, which is referred to as fine bridging.